



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
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Laboratory Results

November 1, 2017

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US EPA New England R1

Project No: 17100023

Project: Merrymeeting River - New Durham, NH

Analysis: Total Suspended Solids in Water

EPA Chemist: Bhavita Patel

Date Samples Received by the Laboratory: 10/19/2017

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, INGTSS-TDS-VRES6.

The SOP is based on SM 2540 D.

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Data were reviewed in accordance with the internal verification procedures described in the EPA New England Quality Manual for NERL.

If you have any questions please call me at 617-918-8340.

Sincerely,

17100023TSS

Qualifiers:

RL = Reporting limit

ND = Not Detected above Reporting limit

NA = Not Applicable due to high sample dilutions or sample interferences

NC = Not calculated since analyte concentration is ND.

J = Estimated value

J1 = Estimated value due to MS recovery outside acceptance criteria

J2 = Estimated value due to LFB result outside acceptance criteria

J3 = Estimated value due to RPD result outside acceptance criteria

J4 = Estimated value due to LCS result outside acceptance criteria

E = Estimated value exceeds the calibration range

L = Estimated value is below the calibration range

B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.

R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

P = The confirmation value exceeded 35% difference and is less than 100%. The lower value is reported.

C = The identification has been confirmed by GC/MS.

A = Suspected Aldol condensation product.

N = Tentatively identified compound.

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Merrymeeting River - New Durham, NH

Total Suspended Solids in Water

Matrix: Water

Sample Number	Lab ID	Collected	Analysis	Concentration mg/L	RL mg/L	Qualifier
MM1	AB70636	10/19/2017 10:35	10/24/2017	2.7	2.5	
Comments:						
PM01	AB70637	10/19/2017 10:42	10/24/2017	ND	2.5	
Comments:						
PM02	AB70638	10/19/2017 10:58	10/24/2017	ND	2.5	
Comments:						
MM2	AB70639	10/19/2017 11:13	10/24/2017	6.0	2.5	
Comments: Sample had a lot of floating debris.						
MM3	AB70640	10/19/2017 11:26	10/24/2017	ND	2.5	
Comments:						
DUP	AB70641	10/19/2017 0:00	10/24/2017	ND	2.5	
Comments:						
Blank			10/24/2017	ND	2.5	
Comments:						

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Merrymeeting River - New Durham, NH

Laboratory Duplicate Results

SAMPLE ID	PARAMETER	SAMPLE RESULT	SAMPLE DUP RESULT	PRECISION RPD	QC LIMITS
		mg/L	mg/L	%	(%RPD)
AB70638	Total Suspended Solids in Water	ND	ND	NC	25

CHAIN OF CUSTODY RECORD

[illegible]